What is claimed is:

1. A method of manufacturing a liquid crystal display panel, comprising the steps of:

forming a plurality of pixels on a first substrate;

forming a plurality of micro cell structures on the first substrate, wherein each micro cell structure surrounds at least one pixel;

forming a first alignment layer on the first substrate;

providing the micro cell structures with a liquid crystal utilizing Ink Jet Printing technology; and

combining the first substrate with a second substrate by a sealing member.

2. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the pixel comprises a data line and a gate line.

3. A method of manufacturing a liquid crystal display panel as claimed in claim 2, further comprising the steps of:

forming a photoresist layer on the first substrate; and

forming the micro cell structures on the data lines and the gate lines by carrying out the photolithography on the photoresist layer.

4. A method of manufacturing a liquid crystal display panel as claimed in claim 3, wherein all the micro cell structures have the same height by planarization.

5. A method of manufacturing a liquid crystal display panel

as claimed in claim 3, further comprising a step of: forming a color filter and a second alignment layer on the second substrate.

6. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein each pixel comprises a color filter and a black matrix surrounding the pixel.

7. A method of manufacturing a liquid crystal display panel as claimed in claim 6, further comprising the steps of:

forming a photoresist layer on the first substrate; and

forming the micro cell structures covering the black matrix by carrying out the photolithography on the photoresist layer.

8. A method of manufacturing a liquid crystal display panel as claimed in claim 7, wherein all the micro cell structures have the same height by planarization.

9. A method of manufacturing a liquid crystal display panel as claimed in claim 7, further comprising a step of: forming a plurality of pixels and a second alignment layer on the second substrate, wherein each pixel has a data line and a gate line.

10. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the adjacent micro cell structures are connected by a passage.

11. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the Ink Jet Printing technology is a thermal bubble type Ink Jet Printing technology.

12. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the Ink Jet Printing technology is a micro piezoelectric type Ink Jet Printing technology.

13. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the sealing member is prepared before injecting the liquid crystal into the micro cell structures.

14. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the sealing member is prepared after injecting the liquid crystal into the micro cell structures.

15. A method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein the sealing member is prepared when the liquid crystal is injected into the micro cell structures.

16. A method of manufacturing a liquid crystal display panel as claimed in claim 1, further comprising a step of: forming a trench between the sealing member and the micro cell structures.

17. A method of manufacturing a liquid crystal display panel as claimed in claim 1, further comprising the steps of:

providing the liquid crystal within the micro cell structures at the condition of normal air pressure; and

combining the first and second substrates together at the condition of vacuum.

18. A method of manufacturing a liquid crystal display panel

as claimed in claim 1, further comprising the steps of:

providing the liquid crystal within the micro cell structures at the condition of vacuum; and

combining the first and second substrates together at the condition of normal air pressure.